

THIS METHOD STATEMENT COVERS THE PREPARATION AND APPLICATION OF **MasterProtect H 321**.

METHOD STATEMENT: MasterProtect H 321

1. PREPARATION:

- 1.1. The concrete surface to be treated must be clean and sound, free of laitance, oil, grease coatings, residual mould release or curing compounds or any other contaminant that would reduce the penetration of **MasterProtect H 321**.
- 1.2. Curing should have been complete.
- 1.3. The concrete should be a minimum of 28 days old.
- 1.4. Surface preparation should be by means of light sweep blasting, high pressure water jetting or mechanical wire brushing to remove all traces of mould release agents or membrane forming curing compounds. The surfaces to be treated **MUST** be able to absorb the **MasterProtect H 321**.
- 1.5. Areas of weak, friable or damaged concrete should be repaired before application of **MasterProtect H 321**.
- 1.6. Surfaces should ideally be visibly dry and between +10°C to +35°C MAX.

2. APPLICATION:

- 2.1. Drums should be shaken or stirred before use.
- 2.2. Apply using a low-pressure knapsack/ horticultural type sprayer or similar.
- 2.3. On vertical surfaces, start at the bottom and work upwards.
- 2.4. Apply in a continuous spray until a run-down of approximately 20 cm is achieved.
- 2.5. Horizontal surfaces (concrete floors) can be treated by a flood application using a broom or rubber squeegee to evenly distribute the liquid across the floor surface. The surface is to be kept "wet" for a period of at least 5 minutes to allow for penetration. Application rates are then solely dependant upon the porosity of the floor surface.
- 2.6. Application rate for both horizontal and vertical surfaces is between 3.0 – 5.0 m²/ L depending upon surface porosity and any specification requirements.
- 2.7. Avoid application on concrete that is in direct sunlight. If necessary, apply a mist coat of potable water to help cool down the surface just prior to application. The concrete surface must **NOT** have a water sheen as this will reduce the absorption of the product into the concrete.
- 2.8. Treated surfaces (horizontal) will remain slippery until the **MasterProtect H 321** has completely dried – keep all treated horizontal surfaces traffic free for at least 12 hours.

3. CURING:

- 3.1. When overcoating with a surface coating, allow a minimum of 48 hours to elapse from completion of the **MasterProtect H 321** application.
- 3.2. There is no maximum overcoating time, but any dust should first be washed off or otherwise removed.

STATEMENT OF RESPONSIBILITY

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